



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 12 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 10? _____
- 4) What is the probability of rolling an odd number less than 5? _____
- 5) True / False: It is impossible to roll a 20. _____
- 6) True / False: You will definitely roll a number less than 8. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

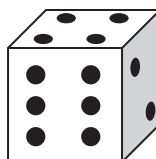
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 4? _____
- 10) What is the probability of rolling an odd number less than 5? _____
- 11) True / False: It is impossible to roll a 5. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 20 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 2? _____
- 16) What is the probability of rolling an odd number less than 11? _____
- 17) True / False: It is impossible to roll a 26. _____
- 18) True / False: You will definitely roll a number less than 14. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 12 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 10? _____
- 4) What is the probability of rolling an odd number less than 5? _____
- 5) True / False: It is impossible to roll a 20. _____
- 6) True / False: You will definitely roll a number less than 8. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

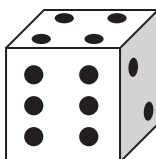
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 4? _____
- 10) What is the probability of rolling an odd number less than 5? _____
- 11) True / False: It is impossible to roll a 5. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 14 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 2? _____
- 16) What is the probability of rolling an odd number less than 11? _____
- 17) True / False: It is impossible to roll a 26. _____
- 18) True / False: You will definitely roll a number less than 14. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. **5 out of 11**
2. **6 out of 11**
3. **1 out of 11**
4. **2 out of 11**
5. **True**
6. **False**
7. **3 out of 6**
8. **3 out of 6**
9. **2 out of 6**
10. **2 out of 6**
11. **False**
12. **True**
13. **7 out of 14**
14. **7 out of 14**
15. **12 out of 14**
16. **5 out of 14**
17. **True**
18. **False**



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 9 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 2? _____
- 4) What is the probability of rolling an odd number less than 6? _____
- 5) True / False: It is impossible to roll a 4. _____
- 6) True / False: You will definitely roll a number less than 6. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

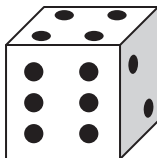
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 5? _____
- 10) What is the probability of rolling an odd number less than 5? _____
- 11) True / False: It is impossible to roll a 9. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 16 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 9? _____
- 16) What is the probability of rolling an odd number less than 9? _____
- 17) True / False: It is impossible to roll a 27. _____
- 18) True / False: You will definitely roll a number less than 6. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 9 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 2? _____
- 4) What is the probability of rolling an odd number less than 6? _____
- 5) True / False: It is impossible to roll a 4. _____
- 6) True / False: You will definitely roll a number less than 6. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

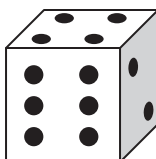
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 5? _____
- 10) What is the probability of rolling an odd number less than 5? _____
- 11) True / False: It is impossible to roll a 9. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 16 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 9? _____
- 16) What is the probability of rolling an odd number less than 9? _____
- 17) True / False: It is impossible to roll a 27. _____
- 18) True / False: You will definitely roll a number less than 6. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. **4 out of 9**
2. **5 out of 9**
3. **7 out of 9**
4. **2 out of 9**
5. **False**
6. **False**
7. **3 out of 6**
8. **3 out of 6**
9. **1 out of 6**
10. **2 out of 6**
11. **True**
12. **True**
13. **8 out of 16**
14. **8 out of 16**
15. **7 out of 16**
16. **4 out of 16**
17. **True**
18. **False**



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 7 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 6? _____
- 4) What is the probability of rolling an odd number less than 6? _____
- 5) True / False: It is impossible to roll a 12. _____
- 6) True / False: You will definitely roll a number less than 4. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

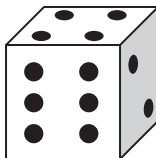
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 2? _____
- 10) What is the probability of rolling an odd number less than 5? _____
- 11) True / False: It is impossible to roll a 4. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 14 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 4? _____
- 16) What is the probability of rolling an odd number less than 9? _____
- 17) True / False: It is impossible to roll a 13. _____
- 18) True / False: You will definitely roll a number less than 5. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 7 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 6? _____
- 4) What is the probability of rolling an odd number less than 6? _____
- 5) True / False: It is impossible to roll a 12. _____
- 6) True / False: You will definitely roll a number less than 4. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

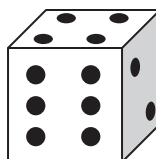
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 2? _____
- 10) What is the probability of rolling an odd number less than 5? _____
- 11) True / False: It is impossible to roll a 4. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 14 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 4? _____
- 16) What is the probability of rolling an odd number less than 9? _____
- 17) True / False: It is impossible to roll a 13. _____
- 18) True / False: You will definitely roll a number less than 5. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. **3 out of 7**
2. **4 out of 7**
3. **1 out of 7**
4. **2 out of 7**
5. **True**
6. **False**
7. **3 out of 6**
8. **3 out of 6**
9. **4 out of 6**
10. **2 out of 6**
11. **False**
12. **True**
13. **7 out of 14**
14. **7 out of 14**
15. **10 out of 14**
16. **4 out of 14**
17. **False**
18. **False**



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 9 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 7? _____
- 4) What is the probability of rolling an odd number less than 3? _____
- 5) True / False: It is impossible to roll a 15. _____
- 6) True / False: You will definitely roll a number less than 6. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

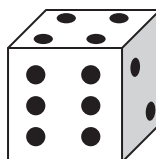
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 5? _____
- 10) What is the probability of rolling an odd number less than 3? _____
- 11) True / False: It is impossible to roll a 11. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 22 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 12? _____
- 16) What is the probability of rolling an odd number less than 9? _____
- 17) True / False: It is impossible to roll a 9. _____
- 18) True / False: You will definitely roll a number less than 13. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 9 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 7? _____
- 4) What is the probability of rolling an odd number less than 3? _____
- 5) True / False: It is impossible to roll a 15. _____
- 6) True / False: You will definitely roll a number less than 6. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

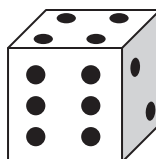
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 5? _____
- 10) What is the probability of rolling an odd number less than 3? _____
- 11) True / False: It is impossible to roll a 11. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 22 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 12? _____
- 16) What is the probability of rolling an odd number less than 9? _____
- 17) True / False: It is impossible to roll a 9. _____
- 18) True / False: You will definitely roll a number less than 13. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. **4 out of 9**
2. **5 out of 9**
3. **2 out of 9**
4. **1 out of 9**
5. **True**
6. **False**
7. **3 out of 6**
8. **3 out of 6**
9. **1 out of 6**
10. **1 out of 6**
11. **True**
12. **True**
13. **11 out of 22**
14. **11 out of 22**
15. **10 out of 22**
16. **4 out of 22**
17. **False**
18. **False**

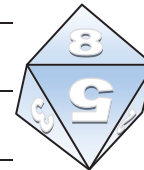


Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Answers

Determine the probability if you were rolling a 12 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 2? _____
- 4) What is the probability of rolling an odd number less than 8? _____
- 5) True / False: It is impossible to roll a 22. _____
- 6) True / False: You will definitely roll a number less than 12. _____



A 12 sided die.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____

Determine the probability if you were rolling a fair number cube .

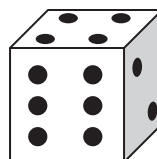
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 3? _____
- 10) What is the probability of rolling an odd number less than 3? _____
- 11) True / False: It is impossible to roll a 10. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 20 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 13? _____
- 16) What is the probability of rolling an odd number less than 10? _____
- 17) True / False: It is impossible to roll a 9. _____
- 18) True / False: You will definitely roll a number less than 4. _____



A 20 sided die.



A 'die' or 'fair number cube'.



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 15 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 2? _____
- 4) What is the probability of rolling an odd number less than 8? _____
- 5) True / False: It is impossible to roll a 22. _____
- 6) True / False: You will definitely roll a number less than 12. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

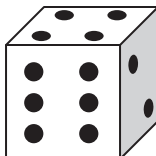
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 3? _____
- 10) What is the probability of rolling an odd number less than 3? _____
- 11) True / False: It is impossible to roll a 10. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 16 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 13? _____
- 16) What is the probability of rolling an odd number less than 10? _____
- 17) True / False: It is impossible to roll a 9. _____
- 18) True / False: You will definitely roll a number less than 4. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. **7 out of 15**
2. **8 out of 15**
3. **13 out of 15**
4. **3 out of 15**
5. **True**
6. **False**
7. **3 out of 6**
8. **3 out of 6**
9. **3 out of 6**
10. **1 out of 6**
11. **True**
12. **True**
13. **8 out of 16**
14. **8 out of 16**
15. **3 out of 16**
16. **4 out of 16**
17. **False**
18. **False**



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 12 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 5? _____
- 4) What is the probability of rolling an odd number less than 4? _____
- 5) True / False: It is impossible to roll a 6. _____
- 6) True / False: You will definitely roll a number less than 9. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

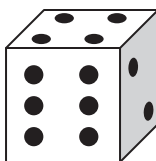
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 3? _____
- 10) What is the probability of rolling an odd number less than 4? _____
- 11) True / False: It is impossible to roll a 5. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 20 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 4? _____
- 16) What is the probability of rolling an odd number less than 10? _____
- 17) True / False: It is impossible to roll a 30. _____
- 18) True / False: You will definitely roll a number less than 11. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 11 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 5? _____
- 4) What is the probability of rolling an odd number less than 4? _____
- 5) True / False: It is impossible to roll a 6. _____
- 6) True / False: You will definitely roll a number less than 9. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

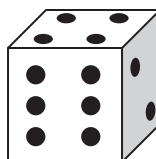
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 3? _____
- 10) What is the probability of rolling an odd number less than 4? _____
- 11) True / False: It is impossible to roll a 5. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 18 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 4? _____
- 16) What is the probability of rolling an odd number less than 10? _____
- 17) True / False: It is impossible to roll a 30. _____
- 18) True / False: You will definitely roll a number less than 11. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. **5 out of 11**
2. **6 out of 11**
3. **6 out of 11**
4. **1 out of 11**
5. **False**
6. **False**
7. **3 out of 6**
8. **3 out of 6**
9. **3 out of 6**
10. **1 out of 6**
11. **False**
12. **True**
13. **9 out of 18**
14. **9 out of 18**
15. **14 out of 18**
16. **4 out of 18**
17. **True**
18. **False**



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 12 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 12? _____
- 4) What is the probability of rolling an odd number less than 7? _____
- 5) True / False: It is impossible to roll a 10. _____
- 6) True / False: You will definitely roll a number less than 11. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

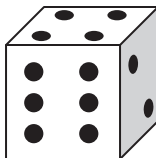
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 5? _____
- 10) What is the probability of rolling an odd number less than 4? _____
- 11) True / False: It is impossible to roll a 11. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 20 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 11? _____
- 16) What is the probability of rolling an odd number less than 8? _____
- 17) True / False: It is impossible to roll a 27. _____
- 18) True / False: You will definitely roll a number less than 22. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 13 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 12? _____
- 4) What is the probability of rolling an odd number less than 7? _____
- 5) True / False: It is impossible to roll a 10. _____
- 6) True / False: You will definitely roll a number less than 11. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

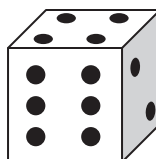
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 5? _____
- 10) What is the probability of rolling an odd number less than 4? _____
- 11) True / False: It is impossible to roll a 11. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 22 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 11? _____
- 16) What is the probability of rolling an odd number less than 8? _____
- 17) True / False: It is impossible to roll a 27. _____
- 18) True / False: You will definitely roll a number less than 22. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. **6 out of 13**
2. **7 out of 13**
3. **1 out of 13**
4. **3 out of 13**
5. **False**
6. **False**
7. **3 out of 6**
8. **3 out of 6**
9. **1 out of 6**
10. **1 out of 6**
11. **True**
12. **True**
13. **11 out of 22**
14. **11 out of 22**
15. **11 out of 22**
16. **3 out of 22**
17. **True**
18. **False**



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 12 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 2? _____
- 4) What is the probability of rolling an odd number less than 9? _____
- 5) True / False: It is impossible to roll a 14. _____
- 6) True / False: You will definitely roll a number less than 7. _____



A 12 sided die.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____

Determine the probability if you were rolling a fair number cube .

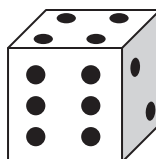
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 2? _____
- 10) What is the probability of rolling an odd number less than 4? _____
- 11) True / False: It is impossible to roll a 10. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 20 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 12? _____
- 16) What is the probability of rolling an odd number less than 17? _____
- 17) True / False: It is impossible to roll a 4. _____
- 18) True / False: You will definitely roll a number less than 15. _____



A 20 sided die.



A 'die' or 'fair number cube'.



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 12 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 2? _____
- 4) What is the probability of rolling an odd number less than 9? _____
- 5) True / False: It is impossible to roll a 14. _____
- 6) True / False: You will definitely roll a number less than 7. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

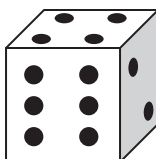
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 2? _____
- 10) What is the probability of rolling an odd number less than 4? _____
- 11) True / False: It is impossible to roll a 10. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 20 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 12? _____
- 16) What is the probability of rolling an odd number less than 17? _____
- 17) True / False: It is impossible to roll a 4. _____
- 18) True / False: You will definitely roll a number less than 15. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. **5 out of 11**
2. **6 out of 11**
3. **9 out of 11**
4. **4 out of 11**
5. **True**
6. **False**
7. **3 out of 6**
8. **3 out of 6**
9. **4 out of 6**
10. **1 out of 6**
11. **True**
12. **True**
13. **10 out of 20**
14. **10 out of 20**
15. **8 out of 20**
16. **8 out of 20**
17. **False**
18. **False**



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 9 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 4? _____
- 4) What is the probability of rolling an odd number less than 3? _____
- 5) True / False: It is impossible to roll a 18. _____
- 6) True / False: You will definitely roll a number less than 4. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

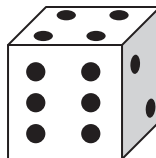
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 2? _____
- 10) What is the probability of rolling an odd number less than 5? _____
- 11) True / False: It is impossible to roll a 4. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 20 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 17? _____
- 16) What is the probability of rolling an odd number less than 12? _____
- 17) True / False: It is impossible to roll a 9. _____
- 18) True / False: You will definitely roll a number less than 5. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 9 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 4? _____
- 4) What is the probability of rolling an odd number less than 3? _____
- 5) True / False: It is impossible to roll a 18. _____
- 6) True / False: You will definitely roll a number less than 4. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

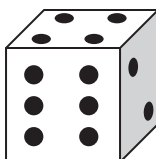
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 2? _____
- 10) What is the probability of rolling an odd number less than 5? _____
- 11) True / False: It is impossible to roll a 4. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 20 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 17? _____
- 16) What is the probability of rolling an odd number less than 12? _____
- 17) True / False: It is impossible to roll a 9. _____
- 18) True / False: You will definitely roll a number less than 5. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

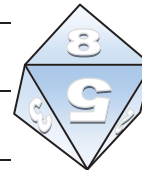
1. **4 out of 9**
2. **5 out of 9**
3. **5 out of 9**
4. **1 out of 9**
5. **True**
6. **False**
7. **3 out of 6**
8. **3 out of 6**
9. **4 out of 6**
10. **2 out of 6**
11. **False**
12. **True**
13. **10 out of 20**
14. **10 out of 20**
15. **3 out of 20**
16. **5 out of 20**
17. **False**
18. **False**



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 7 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 6? _____
- 4) What is the probability of rolling an odd number less than 3? _____
- 5) True / False: It is impossible to roll a 14. _____
- 6) True / False: You will definitely roll a number less than 6. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

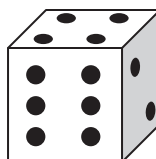
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 2? _____
- 10) What is the probability of rolling an odd number less than 3? _____
- 11) True / False: It is impossible to roll a 7. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 14 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 8? _____
- 16) What is the probability of rolling an odd number less than 10? _____
- 17) True / False: It is impossible to roll a 6. _____
- 18) True / False: You will definitely roll a number less than 7. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____



Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube'.

Determine the probability if you were rolling a 7 sided die .

- 1) What is the probability of rolling an even number? _____
- 2) What is the probability of rolling an odd number? _____
- 3) What is the probability of rolling a number higher than 6? _____
- 4) What is the probability of rolling an odd number less than 3? _____
- 5) True / False: It is impossible to roll a 14. _____
- 6) True / False: You will definitely roll a number less than 6. _____



A 12 sided die.

Determine the probability if you were rolling a fair number cube .

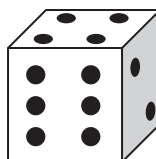
- 7) What is the probability of rolling an even number? _____
- 8) What is the probability of rolling an odd number? _____
- 9) What is the probability of rolling a number higher than 2? _____
- 10) What is the probability of rolling an odd number less than 3? _____
- 11) True / False: It is impossible to roll a 7. _____
- 12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 14 sided die .

- 13) What is the probability of rolling an odd number? _____
- 14) What is the probability of rolling an even number? _____
- 15) What is the probability of rolling a number higher than 8? _____
- 16) What is the probability of rolling an odd number less than 10? _____
- 17) True / False: It is impossible to roll a 6. _____
- 18) True / False: You will definitely roll a number less than 7. _____



A 20 sided die.



A 'die' or 'fair number cube'.

Answers

1. **3 out of 7**
2. **4 out of 7**
3. **1 out of 7**
4. **1 out of 7**
5. **True**
6. **False**
7. **3 out of 6**
8. **3 out of 6**
9. **4 out of 6**
10. **1 out of 6**
11. **True**
12. **True**
13. **7 out of 14**
14. **7 out of 14**
15. **6 out of 14**
16. **4 out of 14**
17. **False**
18. **False**